Peak District National Park

Forecast valid from 00:00 on Wednesday 18 May 2022 until 23:59 on Thursday 19 May 2022

Forecast Issued on Tuesday 17 May 2022 at 14:10

Confidence: High for warm but changeable conditions over the coming days. Lower confidence throughout in the detail and timings of rain.

Headline for Wednesday 18 May 2022: Fine, dry and warm through the day, but rain later.

Mountain weather hazards on Wednesday 18 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Clear night	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Heavy Rain
Precipitation probability							
<05%	00%	00%	00%	<05%	<05%	20%	80%

Forecast for Wednesday 18 May 2022

Weather: Another fine, dry and warm day on Wednesday. Cloud will once again increasing into the evening however as a further band of showery rain moves northeast to affect the area into the overnight period, perhaps heavy at times with thunder possible.

Chance of cloud-free hill tops above 600m: 100%, becoming 80% into the evening.

Low cloud and visibility: Some very isolated low cloud possible to start the morning below around 300m, but these lifting and clearing quickly to leave cloud bases above summits with good visibility through much of the day. Into the evening outbreaks of rain will bring some locally poor visibility, particularly as cloud bases lower to near summits at times.

Forecast for Wednesday 18 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/23 SW	21/30 SW	20/27 SW	17/23 SW	15/22 SW	17/24 S	16/23 S	18/26 S	20/29 SW
300	12/18 SW	13/21 S	14/22 S	13/19 SW	13/20 SW	15/22 S	12/20 S	13/21 S	13/22 S
Valley	7/16 SW	6/20 S	9/20 S	10/19 SW	10/20 SW	12/23 S	9/22 S	10/22 S	9/22 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/3	8/4	10/7	12/10	14/11	14/11	11/7	9/6
300	10/8	9/7	10/7	12/10	15/12	17/14	17/14	13/11	12/9
Valley	11/10	9/8	10/9	14/12	17/14	18/15	17/15	14/12	12/10
Freezing Level*	1500m	1600m	1400m	1400m	1800m	2000m	2300m	2500m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels during the day with sun protection advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 16 May 2022	7.4mm	8.4mm	8.4mm

Forecast for Thursday 19 May 2022

Weather: Early cloud and showers, heavy and possibly thundery, clearing east into the early hours. To give a dry and fine day with plenty of sunshine. Feeling somewhat cooler and fresher. Breezy to start but winds easing to become light into the day.

Maximum wind: Westerly 15-20mph gusting 30mph possible on exposed peak during the morning but easing through the day.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Some very isolated low cloud possible to start the morning but cloud bases generally above summits with good visibility through much of the day.

Temperature: **Valleys:** Plus 8 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 8 Celsius, becoming Plus 14 Celsius.
Freezing level: Above the summits.